

## ABSTRACT:

AUTOMATIC TEXT CLASSIFICATION SYSTEM

An automatic text classification system is provided which extracts words and word sequences from a text or texts to be analysed. The extracted words and word sequences are compared with training data comprising words and word sequences together with a measure of probability with respect to the plurality of qualities. Each of the plurality of qualities may be represented by an axis whose two end points correspond to mutually exclusive characteristics. Based on the comparison, the texts to be analysed are then classified in terms of the plurality of qualities. In addition, a fuzzy logic retrieval system and a system for generating the training data are provided.